

GP-302757

**PISTON WITH CAST-IN UNDERCROWN PINS FOR
INCREASED HEAT DISSIPATION**

ABSTRACT OF THE DISCLOSURE

A cast engine piston has a crown with a combustion surface and an undercrown for exposure to crankcase fluids. A plurality of pins extend from the undercrown to increase the surface area of the undercrown. The
5 pins draw heat from the crown and dissipate the heat to the crankcase fluids. Crankcase oil may be sprayed, splashed, or misted against the pins to further increase heat dissipation.